

Life Sciences



CITY OF
CARLSBAD



Industry Cluster - The **life sciences cluster** refers to biotech, medical device, diagnostic and technology companies and institutes. Carlsbad's life sciences cluster is growing and creating jobs. Between **2009 and 2010**, job growth in Carlsbad's life sciences industry has **increased by nearly 50%**. Now, we'll examine this cluster in Carlsbad.



Life Sciences Definition



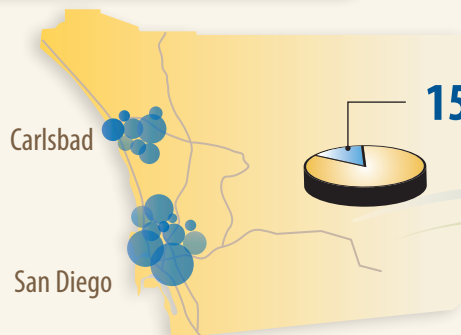
Biomedical Devices & Products: surgical, medical, dental, optical, and ophthalmic devices; laboratory applications manufacturers



Biotechnology & Pharmaceuticals: research & development in chemical & biological technologies; medicinal & diagnostic substance manufacturers

of Life Sciences Jobs

Cluster jobs by census tract



15% = 6,200 Jobs in Carlsbad



358
total patents

assigned to Carlsbad life sciences companies between 2006 to 2011

Research Funding

From National Institutes of Health to Southern California

2007:
\$1.79 billion



more than half

2011:
\$0.97 billion



San Diego

85% +

San Diego

Venture Capital



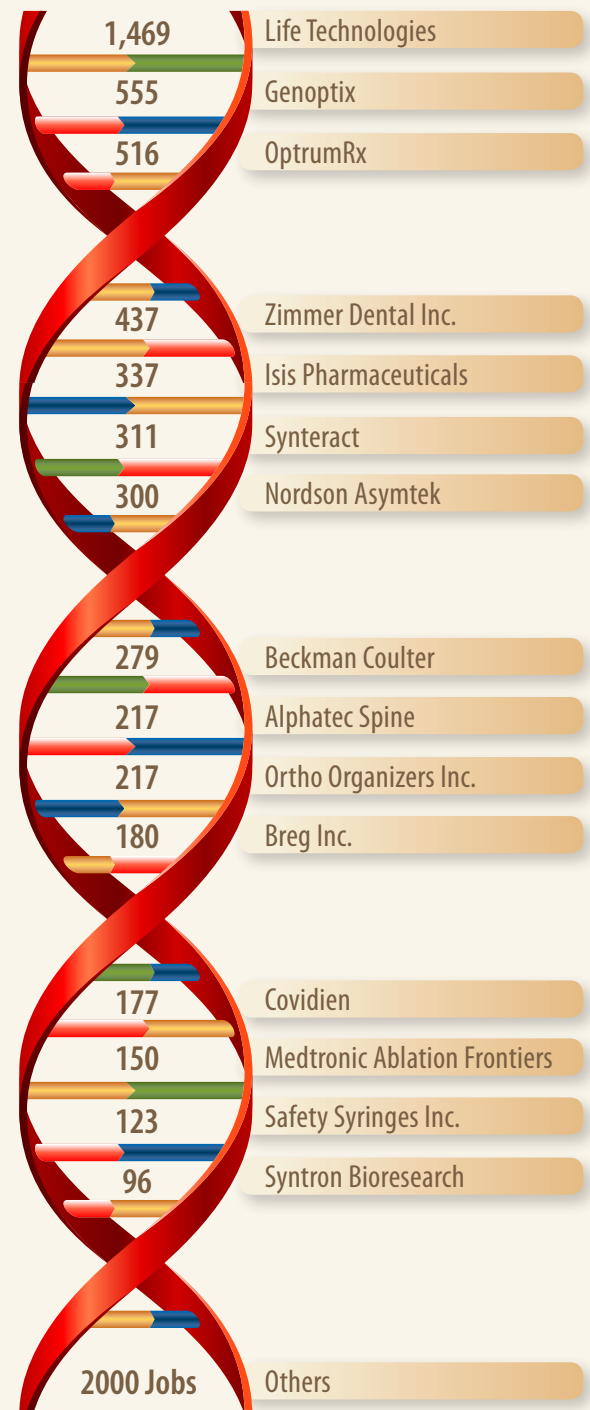
Decline due to economic downturn in 2008

\$1.1 billion

\$553 million

Top notable companies

Number of employees



www.carlsbadca.gov